

Per/09

7/22/2001

Serial Number: 09/869,098

CRF Processing Date: 7/22/2001  
 Edited by: Ar  
 Verified by: Ar (STIC staff)

**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 1
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/869,098

DATE: 07/27/2001

TIME: 17:18:02

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07272001\I869098.raw

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1 <110> APPLICANT: Takeda Chemical Industries, Ltd.
W--> 2 <120> TITLE OF INVENTION: UCP-2 promoter DNA
W--> 3 <130> FILE REFERENCE: 2583WO0P
C--> 4 <140> CURRENT APPLICATION NUMBER: US/09/869,098
C--> 4 <141> CURRENT FILING DATE: 2001-06-21
4 <150> PRIOR APPLICATION NUMBER: JP 10-366719
5 <151> PRIOR FILING DATE: 1998-12-24
W--> 6 <160> NUMBER OF SEQ ID: 5
8 <210> SEQ ID NO: 1
9 <211> LENGTH: 3505
10 <212> TYPE: DNA
11 <213> ORGANISM: Human
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14 ctggctacaa gttttcaaaa tacatttata tagtaccat acattctcca gtttgtccac 120
15 aggacatctt atgacttgag caagctgcta aaaatccaag ggtgcagcgt ttgtatgtct 180
16 ataggattgc tcagatctgc cccaccctg aaagaattta agagaatttc ttgaggccag 240
17 gcacagtggc tcacacctgt aattccagta ctgtgagagt ccgaggtcag aggactgctt 300
18 gaggccagga gttcaagagc agcctggaca acacagggag acctgtcact acaaagaata 360
19 aataaattag ccaggcttag tggctcatcc ctgtggtccc agctactagg gaggcagaag 420
20 taggactgct tgtcccagga ggtcaagact gcagtgaagt gagaccagc cacctgcatt 480
21 ccagcctggg caacaaaaag agaccctgtc tcaaaaaata agttaataa ataaataata 540
22 aaaatagttt aaaccctaaa cacatcttct ttttcaaaga ggacttctta aggacttcat 600
23 gctgcgtcct gttgatctcc acttcccttt ttccagctcc acacttttaa cagtctcttt 660
24 tgccaaggat aataagtata tagtttctgg aatccagatt ctccctggt ttggacagcca 720
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26 cagcaaatat gccgagcctc tccggaatgc acagccagac agagctcagc gcaaaagcta 840
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34 taataccagc cttcttctac tcccacaaag cacgtgtttg tcccggccag agggcccaat 1320
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36 agggccggtc catctcctga cgccttttct catcccagg ctggacaggc agctggcctg 1440
37 ggcccggctc tgccttgctc cgtgcggggg ccggcccggt tgcttgctct tgtgtaggag 1500
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41 gctgtaacca atcgacagcg aggcgggtcg cgaggcccca gtcccgcctt gcaggagcca 1740
42 gccgcgcgct cgctcgcagg aggggtgggt gtttggccag cgtagggggg ctgggcccac 1800
43 aaaagaggaa gtgcacttaa gacacggccc cgctggacgc ttgttagaaa ccgtcctggc 1860
44 tgggaaggca agaggtgtgt gactggacaa gacttggttc tggcggtcag tcttgccatc 1920
45 ctacacagag ttggcgcccc gagagagtgt gaggcagagg cggggagtgg caagggagtg 1980
46 accatctcgg ggaacgaagg agtaaacgcg gtgatgggac gcacggaac gggagtgagg 2040

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47 aaagtcacatgg agagaaccct aggcggggcg gtccccgcgg aaaggcggt gctccagggt 2100
48 ctccgcacccc aagtaggagc tggcaggccc ggccccgcgg cgcaggcccc accccgggccc 2160
49 ccgcccccca ggcttaagcc gcgcgcgcgc ctgcgcggag ccccaactgc aagcccagct 2220
50 gcgcgcgcct tgggattgac tgtccacgct cgcgcggctc gtccgacgcg cctccgccca 2280
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64 agcccgacct gggacctagc caattcccg agagtctctg tcccatcgtg accccctcac 3120
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66 gtgttacaaa agcagaagtc tggatgagaa ccaatttgtg atattaagca ggtgggggtg 3240
67 ggggtggggag tgtacctagg ttcattttcc gccctgcttt tcccccttcc agtgtgtgca 3300
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71 gggccatgat agccactggc agctt 3505
73 <210> SEQ ID NO: 2
74 <211> LENGTH: 30
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
W--> 77 <220> FEATURE:
78 <223> OTHER INFORMATION: Primer
W--> 79 <400> SEQUENCE: 2
C--> 80 atggttggtg tcaaggccac agatgtgccc 30
82 <210> SEQ ID NO: 3
83 <211> LENGTH: 30
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
W--> 86 <220> FEATURE:
87 <223> OTHER INFORMATION: Primer
W--> 88 <400> SEQUENCE: 3
C--> 89 atacaggccg atgcggacag aggcaaagct 30
91 <210> SEQ ID NO: 4
92 <211> LENGTH: 28
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
W--> 95 <220> FEATURE:
96 <223> OTHER INFORMATION: Primer
W--> 97 <400> SEQUENCE: 4
C--> 98 caaagctgcc agtggctatc atggcccc 28

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TIME: 17:18:02

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07272001\I869098.raw

```
100 <210> SEQ ID NO: 5
101 <211> LENGTH: 30
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
W--> 104 <220> FEATURE:
      105 <223> OTHER INFORMATION: Primer
W--> 106 <400> SEQUENCE: 5
C--> 107 gaccggtcga cccagatctg ggtcgacctg
```

30

## VERIFICATION SUMMARY

DATE: 07/27/2001

PATENT APPLICATION: US/09/869,098

TIME: 17:18:03

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07272001\I869098.raw

L:2 M:283 W: Missing Blank Line separator, <120> field identifier  
L:3 M:283 W: Missing Blank Line separator, <130> field identifier  
L:4 M:270 C: Current Application Number differs, Replaced Current Application No  
L:4 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:6 M:283 W: Missing Blank Line separator, <160> field identifier  
L:12 M:283 W: Missing Blank Line separator, <400> field identifier  
L:13 M:112 C: (48) String data converted to lower case,  
M:112 Repeated in SeqNo=1  
L:77 M:283 W: Missing Blank Line separator, <220> field identifier  
L:79 M:283 W: Missing Blank Line separator, <400> field identifier  
L:80 M:112 C: (48) String data converted to lower case,  
L:86 M:283 W: Missing Blank Line separator, <220> field identifier  
L:88 M:283 W: Missing Blank Line separator, <400> field identifier  
L:89 M:112 C: (48) String data converted to lower case,  
L:95 M:283 W: Missing Blank Line separator, <220> field identifier  
L:97 M:283 W: Missing Blank Line separator, <400> field identifier  
L:98 M:112 C: (48) String data converted to lower case,  
L:104 M:283 W: Missing Blank Line separator, <220> field identifier  
L:106 M:283 W: Missing Blank Line separator, <400> field identifier  
L:107 M:112 C: (48) String data converted to lower case,